Lux LED

bebob

OPERATION INSTRUCTIONS

Lux-Led

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To get the most out of your system, please read these operation instructions carefully before setting it up.

Lux LED

Before using this product with your camera, please note the following general safety information. All persons installing, operating or servicing this product should familiarize themselves with the following information:

- It is mandatory to follow the instructions in this manual.
- All users must be trained to work with this product.
- The operation instructions form part of the product and should be handed over to any future owner in the event of sale/transfer of the product.
- This manual should be retained for the life of the product.
- If you have any questions about this product, please ask only authorized specialist personnel for advice.
- Subsequent updates should be kept with this manual.

Please note the following:

- **Use the device according to the specification only [see Technical specification].**
- **The light must only be used when level! Operation in a vertical state does not correspond with the specification.**
- **Do not bypass connections.**
- **The casing may become hot. Caution: possible danger of burning!**
- **Do not operate the light when the barn doors are closed. Caution: danger of overheating!**
- **Ensure that the light is used at an adequate distance from combustible materials and that heat dissipates effectively.**
- **To avoid damage, allow the light to cool before packing it away.**

SAFETY INFORMATION

I.

II.

- **Damaged cables must be replaced immediately by an authorized service provider.**
- **Treat this product with care. Do not throw it or allow it to fall!**
- **Do not immerse the system in water!**
- **A slight odor may arise on the first use or if the system is used for a long time. This is normal and not dangerous.**

If you disregard this information, the system or your camera may incur damage!

FEATURES OF THE LUX-LED

When using shoulder cameras, head lights are indispensable. The latest development from bebob is the Lux-Led, a stepless focusable LED camera light. Its 3-in-1 concept from the Lux Broadcast has now been realized with LEDs, allowing the new light to be used as a freestanding, handheld, and camera light.

With a sophisticated arrangement of selected LEDs, the illumination angle can be adjusted anywhere between 40° and 60°. The light can also be dimmed and, at full modulation, the color temperature is in the daylight range. What's more, the dimmer is integrated into the handle, ergonomically designed, and protected. The LEDs are so efficient that the Lux-Led series emits significantly more light than our conventional halogen lights, while consuming considerably less power.

A double-articulation system allows the light to shift up or forward, in order to prevent unwanted shadows. As standard, the Lux-Led comes with the same handle featuring a dimmer as the Lux model, as well as 4-leaf barn doors with a diffuser and an artificial light filter.

Thanks to its shockproof design and long service life, the light is ideal for news reporting and outdoor sports.

The LUX-Led is designed for HD/SD shoulder type cameras. It is however also suitable for all camcorders with a mounting attachment.

Standard Lux-Led package:

- Lux-Led
- Handle with Dimmer
- Operation instructions

SET-UP

Unpack the parts supplied and check the delivery is complete.

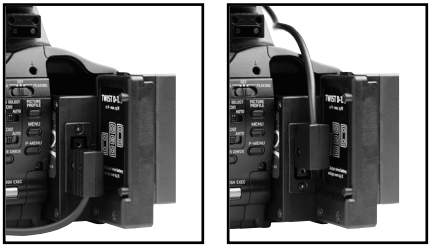
PREPARATION:

1. Attach barn door system [optional]

Attach the barn doors to the light with the filter levers upwards, push on and click into position with a right-turn.
You will feel it lock into place.
To remove, follow the same instructions in the reverse order.

2. Power Supply

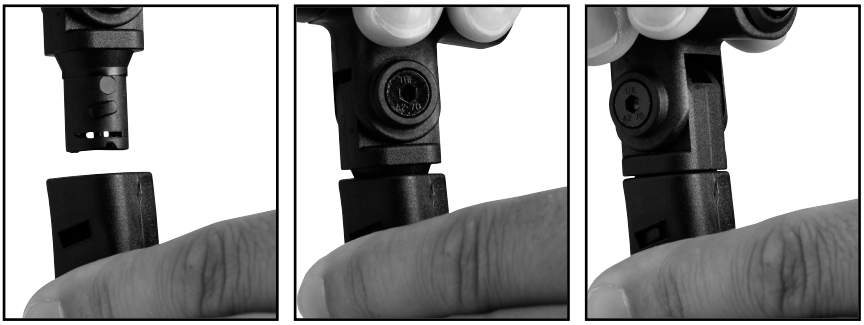
The 12V DC-IN goes over a 4-Pin Plug. Different cables offering different lengths and connector types [4-Pin XLR, D-Tap,...] mean you are sure to be able to connect Lux to any 12V Power system.



Lux-Led [connection to D-Tap]

3. CONNECTING TO THE CAMERA:

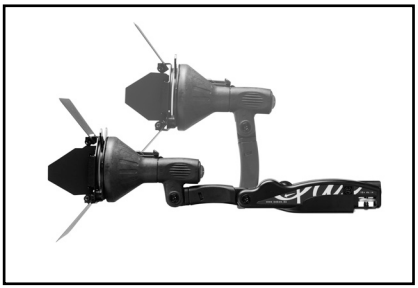
Put the headlight onto the grip and rotate the headlight to the right.
Thanks to the bayonet Connector between the Light itself and the base Station, it needs only a 1/5 of a turn and the light is removed from the camera.



The mounting clamp of the Lux does not allow the Light to rotate on the handle of the camera, regardless of whether the light is fixed to a 1/87“ thread, a female or a male photo-shoe.

Lux-Led mounting

The unique double-articulation system gives the possibility to shift the Light 8cm up or forward. This makes sure that you always to have the light in the right position and to avoid getting unwanted shadows on your subject.



Lux-Led double-articulation system

1. SWITCHING ON

When the Lux-Led is switched on using the switch on the underside of the light, it can be dimmed to any level with the dimmer.

Lux-Led ON/OFF

2. DIMMER:

The brightness is controlled by the ergonomic and well protected dimmer wheel. Turning the dimmer to the front will make the head light brighter, while turning the wheel backwards reduces the intensity of the light.

Lux-Led dimmer

At full modulation, the color temperature is in the daylight range. Note: The color temperature changes when dimming.

3. FOCUS:

With the focus slide mechanism, the illumination angle can be adjusted anywhere between 40° and 60°.

Note: The Focus function is optimized for the flood position with the diffusion filter!

4. BARN DOOR SYSTEM

The barn doors enable the illumination angle to be adjusted as desired. To avoid overheating, the light must never be operated when the barn doors are closed.

Caution: The barn doors may become hot during use!

5. FILTER:

The 4-leaf barn doors come with a diffuser and tungsten filter as standard.

Lux-Led-ft [4-leaf barn doors]

The 2-leaf barn doors come with an integrated diffuser as standard.

The 3-in-1 concept: Stand-, Hand-, and camera on-board Light! Without any loose parts that may disappear or to be screwed or fixed anywhere.
The dimmer Potentiometer is ergonomically located under the Thumb.

1. HAND LIGHT

The dimmer Potentiometer is ergonomically located under the Thumb.

2. STAND LIGHT

The Built-In 1/8“ thread offers the possibility to put Lux on a Lighting Stand and makes one of the rare dimmable lights. As a mini Travel-Light-Kit, you can imagine three Lux with Nano tripods in a flight case or a bag.

3. CAMERA ON-BOARD LIGHT!

The shape of the base station puts the light itself 12cm in front of the camera handle: It keeps your camera handle free and makes sure you avoid any shadow on your subject.

CLEANING, MAINTENANCE, AND CARE

All system parts require zero maintenance.

The casing must not be opened!

A dry, lint-free cloth is recommended for cleaning.

Do not use any cleaning agents.

Damaged cables must be replaced immediately by an authorized service provider.

The light may only be cleaned when cold.

Check from time to time that the light is mounted correctly.

If applicable, loose screws on the barn door or articulation system should be retightened carefully. Overtightening may damage the mechanism.

AVAILABLE ACCESSORIES, REPLACEMENT PARTS

Other accessories:

LUX-LED-FT-DV	2-leaf barn doors with 1 diffuser
LUX-LED-FT	4-leaf barn doors with 1 diffuser and 1 artificial light filter (3200K)

For prices and further accessories, visit www.bebob.de or call +49 89/27 81 82 82.

Input voltage	11–28V
Power	16W
Ambient temperature	20°C normal max. 50°C, min. -20°C
Humidity (condensed)	- 80% rel. humidity
Focus (median range of light)	40°–60°
Dimmer range (internal)	10–100%
Weight	495 g (incl. 2-leaf barn doors)
Connector	AB-DTAP, XLR on request
Mounting	double-articulation system

Subject to technical change.

Only use the light when level! Operation in a vertical state does not correspond with the specification.

TROUBLESHOOTING

The product does not include any parts requiring maintenance.

If there is a problem, please check the following items first:

Error	Cause
Does not light up	Power switch not on Incorrect input voltage Cable damaged Dimmer low?
Too dark	Input voltage too low Filter blocking light
Cuts out	Cable damaged Dirty contact

If this does not solve the problem, please do not hesitate to contact us on **+ 49 [0] 89 / 27 81 82 82 .**

In the event of damage caused by not following these operation instructions, incorrect set-up, incorrect handling or unauthorized interference, warranty claims are void. We assume no liability for injury to property or persons caused by incorrect handling, or for consequential losses. For reasons of safety and conformity (CE), you are not permitted to modify and/or alter the light. In this case, warranty claims are void.

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